

What is claimed is (originally filed claims):

1. The method of making a multipurpose device for enabling to hold objects by clamping without damaging them comprising the steps of:

- a. providing a cylindrical support part, such as a rod or a tube, with a section circular or not,
- b. mounting on said support part at least two movable arms which can slide along said support part and be turned around it into several directions, said arms extending themselves markedly on both sides from said support part in a direction mainly orthogonal thereto,
- c. fitting out at least one of the arms at a distance from said support part with one substantially elastic buffer which has, opposite from the arm to which it is secured, a contact face of which the basis is essentially at right angles to the support part.

2. A multipurpose device for holding objects by clamping objects without damaging them, comprising:

- a cylindrical support part, such as a rod or a tube, with a section circular or not,
- at least two movable arms which can slide along said support part and be turned around it into several directions, said arms extending themselves markedly on both sides from said support part in a direction mainly orthogonal thereto,
- at least one substantially elastic buffer secured to one of the arms at a distance from said support part and having, opposite from the arm to which it is secured, a contact face of which the basis is essentially at right angles to the support part.

3. A device according to claim 2, wherein each substantially elastic buffer consists in a ring which is covering the arm to which it is secured.

4. A device according to claim 2, comprising at least four movable arms, said arms being fitted out with buffers, the buffers of the first two arms along said support part having their contact faces in front of the contact faces of the buffers of the two following arms.

5. A device according to claim 4, further comprising at least another couple of

movable arms arranged one behind the other along said support part, these arms being fitted out with buffers of which contact faces are turned in opposite directions.

6. A device according to claim 2, comprising at least three couples of movable arms mounted one behind the other along said support part, the movable arms of each couple being fitted out with buffers of which contact faces are turned in opposite directions.

7. A device according to claim 2, wherein one end at least of said support part is fitted out with a removable stop such as a clip, a rider, a pin, a key or possibly a section of cylindrical supple sheath slipped on said support part by a gentle forcing.

8. A device according to claim 2, on the support part of which is secured a coupler fit to seize in at least one direction distinct from said support part direction another support part which can carry a minimum of one movable arm provided with a substantially elastic buffer.

9. A device according to claim 2, wherein one of said movable arms is replaced by a fixed arm.

10. The process for holding objects by clamping without damaging them, comprising the steps of:

a. clamping said objects between substantially elastic buffers carried by movable arms arranged along one or several cylindrical support parts and liable to be turned into several directions around these support parts,

b. applying on the back of said arms in the direction of said objects, along said support parts, a manual thrust and releasing this thrust, so as to lock each of said arms by tilting against the support part along which it is arranged,

c. possibly take as support auxiliary objects put against buffers of the movable arms or against substantially elastic buffers carried by other movable arms arranged and locked along said support parts.

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Not shown
or supported
by spec